AMENDMENTS TO THE CLAIMS

Claims 1-8 **(Cancelled)**

9. **(Currently Amended)** ~~The process according to claim 8~~A process for thermal conversion of carbonaceous feedstocks selected from biomass and organic wastes, said process comprising:

- feeding the feedstock into a drier, said drier comprising a riser having an axially annular cross section equipped with a multi-inlet cyclone for the separation of dried matter from vaporized gases and a dipleg;
- feeding the feedstock to a fluidized-bed reactor, wherein the feedstock is converted at an elevated temperature under the influence of particulate matter kept in a fluidized state by a fluidizing gas,
- transferring the particulate matter from the reactor to a regenerator for regeneration and then recirculating the particulate matter to the reactor after the regeneration, and
- recovering the converted hydrocarbon products from the reactor,

wherein

- said reactor comprises a riser having an axially annular cross section equipped with a multi-inlet cyclone for the separation of particulate matter, and wherein
- said regenerator is concentrically fitted around said reactor and wherein said regenerator comprises a riser having an axially annular cross section and equipped with a multi-inlet cyclone for separation of regenerated particulate matter; and

~~, wherein~~ - ~~the drier comprises a~~ said dipleg of the drier ~~which~~ communicates with the riser of the regenerator

10. **(Currently Amended)** The process according to ~~claim 8~~ or 9, wherein the drier comprises a channel for internal circulation.

11. **(Currently Amended)** The process according to claim 89, wherein the regenerator comprises a dipleg which communicates with the riser of the drier.

12. **(Currently Amended)** The process according to claim 89, wherein the feedstock is thermally converted at a temperature of 400 - 1000 °C.

Claims 13-17 **(Cancelled)**

18. **(Currently Amended)** An apparatus for thermally converting carbonaceous feedstock(s), said apparatus comprising

-a drying unit for drying the feedstock(s),

- a reaction unit in which the feedstock is contacted with heated, fluidized-state particulate matter, and

- a regenerator unit for regeneration of the particulate matter contaminated in thereaction unit,

wherein

- wherein the drying unit comprises a riser fitted about the reaction unit in a symmetrically concentric fashion, said riser having an axially annular cross section;

- the reaction unit comprises a riser having an axially annular cross section equipped with a multi-inlet cyclone for separating particulate matter from gas, and

-the regenerator unit comprises a riser and a dipleg fitted about the reaction unit in a symmetrically concentric fashion, said riser having an axially annular cross section equipped with a multi-inlet cyclone for separating particulate matter from gas, said dipleg of the regenerator unit communicating with the riser of the reaction unit and with the drying unit.

~~The apparatus according to claim 15, wherein the drying unit comprises a riser fitted about the reaction unit in a symmetrically concentric fashion, said riser having an axially annular cross section.~~

19. **(Previously Presented)** The apparatus according to claim 18, wherein the drying unit comprises a dipleg having an axially annular cross section which communicates with the riser of the reaction unit.

20. **(Previously Presented)** The apparatus according to claim 18 or 19, wherein the riser of the drying unit is equipped with a gas and particulate matter separating means formed by a multi-inlet cyclone .

21. **(Cancelled)**